## UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,311,915 B2

Page 1 of 3

APPLICATION NO.: 10/659324

DATED

: December 25, 2007

INVENTOR(S)

: Birger Sörensen

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### ON THE TITLE PAGE [73]

Assignee "BIONOR A/S, Norway" should read --BIONOR IMMUNO AS, Norway--.

#### ON TITLE PAGE AT (56) OTHER PUBLICATIONS

After "Abaza et al.": "outside and" should read --outside an--.

#### COLUMN 1

Line 37, "adjuvances." should read --adjuvants.--; and Line 56, "protein," should read --protein--.

#### **COLUMN 4**

Line 46, "groups;" should read --groups:--; and Line 52, "meanings;" should read --meaning:--.

#### COLUMN 5

Line 8, "meaning;" should read --meaning:--; and Line 24, "Xaa<sub>15</sub> Xaa<sub>15</sub>" should read --Xaa<sub>15</sub> Xaa<sub>16</sub>--.

### **COLUMN 6**

Line 31, "bridge for" should read --bridge, for--; and Line 33, "C<sub>1</sub>-C<sub>8</sub> alkylen" should read --C<sub>1</sub>-C<sub>8</sub> alkylene--.

#### COLUMN 7

Line 9, "groups;" should read --groups:--;

Line 10, "hydroxyd," should read --hydroxide,--;

Line 20, "particulates for" should read --particulates, for--;

Line 40, "di- tri-" should read --di-, tri- --;

Line 41, "tetra peptides." should read --tetra-peptide.--;

Line 52, "responses," should read --response, --; and

Line 64, "embodiments of" should read --embodiment,--.

## UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,311,915 B2

Page 2 of 3

APPLICATION NO.: 10/659324

DATED

: December 25, 2007

INVENTOR(S)

: Birger Sörensen

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### **COLUMN 8**

Line 2, "antigens;" should read --antigens:--;

Line 36, "artifical" should read -- artificial --; and

Line 38, "is" should be deleted.

### COLUMN 9

Line 6, "in vacue" should read --in vacuo--;

Line 16, "chromotography" should read --chromatography--; and

Line 35, "abbreviations," should read --abbreviations--.

#### COLUMN 10

Line 25, "(H PLC)" should read --(HPLC)--; and

Line 38, "are" should read --is--.

#### COLUMN 11

Line 7, "KIPPVGFI" should read -- KIPIPVGFI--;

Line 15, "are" should read --is--; and

Line 55, "R F I P NI F T A L S G G R R A L" should read

--RFIIPNIFTALSGGRRAL--.

#### COLUMN 12

Line 12, "are" should read --is--;

Line 25, "Equals" should read -- Equal--;

Line 53, "manufacturers" should read --manufacturer's--; and

Line 66, "emulsions" should read --emulsion--.

#### COLUMN 13

Line 37, "manufacturers" should read --manufacturer's--; and

Line 53; "phenolphtalein-monophosphate" should read

--phenolphthalein-monophosphate--.

# UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 7,311,915 B2

Page 3 of 3

APPLICATION NO.: 10/659324

DATED

: December 25, 2007

INVENTOR(S)

: Birger Sörensen

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### **COLUMN 14**

Line 24, "the the" should read --the--;

Line 25, "proplylactic" should read --prophylatic--;

Line 37, "hydroxyd." should read --hydroxide.--; and

Line 58, "factor" should read --factor,--.

## **COLUMN 37**

Line 4, "leu" should read -- Leu--.

Signed and Sealed this

Second Day of September, 2008

JON W. DUDAS Director of the United States Patent and Trademark Office